

What is claimed is:

1. An apparatus for receiving a television program transmitted as a transport stream and for editing said television program for a user, said apparatus comprising:
  - 5 a memory for storing said transport stream, a user profile and computer-executable process modules;
  - a display processor for receiving video data contained in said transport stream, and for providing the video data as a sequence of video segments;
  - a display for displaying the sequence of video segments; and,
  - 10 an editing process module for producing an edited version of said television program in light of the user profile to thereby cause the display processor to display said edited version.
2. The apparatus of claim 1, wherein the editing process module produces an  
15 edited version in light of a viewing context of the user.
3. The apparatus of claim 2 wherein the viewing context of the user is selected from the group consisting of viewing-time constraints, composition of viewing audience, and user's viewing history with respect to said video segments of the television  
20 program.
4. The apparatus of claim 2 wherein the edited version of said television program comprises at least one video segment having been deleted.
- 25 5. The apparatus of claim 2 wherein the edited version of said television program comprises at least one video segment having been re-arranged in time.
6. The apparatus of claim 2 wherein the edited version of said television program comprises at least one additional video segment having been added.

7. The apparatus of claim 6 wherein said at least one additional video segment is supplied to the apparatus as an alternative segment transmitted in the transport stream.

5 8. The apparatus of claim 6 wherein said at least one additional video segment is supplied to the apparatus from at least one source separate from the transport stream.

9. The apparatus of claim 8 wherein said source is selected from the group consisting of one or more additional tuners, one or more media devices, a dedicated  
10 service and the Internet.

10. The apparatus of claim 2 wherein the editing process module utilizes video segment data.

15 11. The apparatus of claim 10 wherein the video segment data is present in the transport stream.

12. The apparatus of claim 10 wherein the video segment data is determined by an image-identification process module.

20

13. A data storage medium comprising indicia of instruction for a processor to perform a method for receiving a television program transmitted as a transport stream and for editing said television program for a user, said method comprises the steps of:

25 storing said transport stream and a user profile;  
receiving video data contained in said transport stream;  
providing the video data as a sequence of video segments; and,  
producing an edited version of said television program in light of the user profile.

14. The method of claim 13 wherein the step of producing an edited version comprises utilizing a viewing context of the user.

5 15. The method of claim 13 wherein the step of producing an edited version comprises adding at least one additional video segment to the sequence of video segments.

10 16. The method of claim 13 wherein the step of producing an edited version comprises utilizing video segment data.

17. A method for receiving a television program transmitted as a transport stream and for editing said television program for a user, said method comprising the steps of:  
storing said transport stream, a user profile and computer-executable process modules;  
15 receiving video data contained in said transport stream;  
providing the video data as a sequence of video segments;  
displaying the sequence of video segments;  
producing an edited version of said television program in light of the user profile; and,  
20 displaying said edited version.

18. The method of claim 17 wherein the step of producing an edited version comprises utilizing a viewing context of the user.

25 19. The method of claim 17 wherein the step of producing an edited version comprises adding at least one additional video segment to the sequence of video segments.

20. The method of claim 17 wherein the step of producing an edited version comprises utilizing video segment data.